

Product datasheet for RN205697

Cartpt (NM_017110) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cartpt (NM_017110) Rat Untagged Clone
Tag: Tag Free
Symbol: Cartpt
Synonyms: Cart
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205697 representing NM_017110
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAGCTCCCGCTGCGGCTGCTACCCGTCTGGGCGCCGCCCTACTGCTGCTGCTACCTTTGCTGG
GTGCCGGTGCCAGGAGGATGCCGAGCTGCAGCCCGAGCCCTGGACATCTACTCTGCCGTGGATGATGC
GTCCCATGAGAAGGAGCTGCCAAGGCGCAACTTCGGGCTCCCGCGCTGTGTTGCAGATTGAAGCGCTG
CAGGAAGTCTGAAGAAGCTCAAGAGTAAACGCATTCCGATCTATGAGAAGAAGTACGGCCAAGTCCCCA
TGTGTGACGCTGGAGAGCAGTGCCGAGTGCAGAAAGGGGCCAGGATCGGGAAGCTGTGTGACTGTCCCCG
AGGAACTCTTGCAATTCTTCTCTTGAAGTGCTTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017110
Insert Size: 390 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_017110.1](#), [NP_058806.1](#)

RefSeq Size: 840 bp

RefSeq ORF: 390 bp

Locus ID: 29131

UniProt ID: [P49192](#)

Cytogenetics: 2q12

Gene Summary: neuronal protein that may play a role in brain development and may be regulated by testosterone [RGD, Feb 2006]